

## National Functional Guidelines Report #03

**Lab** DATAC(ALS Environmental)   **SDG** F2C66   **Case** 43795   **Contract** EPW11037   **Region** 6   **DDTID** 183538   **SOW** SOM01.2

### *Data Review Reports*

Detection Limit

Detection Limit	BNA
BDL1	The following semivolatile samples have analyte concentrations below the quantitaion limit (CRQL).   Detected compounds are qualified J.   Nondetected compounds are not qualified.
	F2C72
	<b>Benzo(b)fluoranthene</b> F2C72
	<b>Benzaldehyde</b> F2C72
	<b>Pyrene</b> F2C72
	<b>Acetophenone</b> F2C72

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## Data Review Reports

Detection Limit

Detection Limit	BNA_SIM
BDL1	The following semivolatile samples have analyte concentrations below the quantitaion limit (CRQL). Detected compounds are qualified J. Nondetected compounds are not qualified.
	F2C66, F2C69, F2C72, F2C75, F2C78, F2C84, F2C87
	<b>Benzo(k)fluoranthene</b> F2C66, F2C69, F2C72, F2C75, F2C84
	<b>Fluoranthene</b> F2C75, F2C78
	<b>Chrysene</b> F2C87
	<b>Phenanthrene</b> F2C69, F2C72, F2C75, F2C84
	<b>Benzo(b)fluoranthene</b> F2C78, F2C87
	<b>Benzo(a)pyrene</b> F2C66, F2C75, F2C87
	<b>Indeno(1,2,3-cd)pyrene</b> F2C66, F2C69, F2C72, F2C75
	<b>Benzo(a)anthracene</b> F2C66, F2C75, F2C78, F2C87

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### *Data Review Reports*

Initial Calibration

Initial Calibration	BNA_SIM
BC5	The following semivolatile samples are associated with an initial calibration percent relative standard deviation (%RSD) outside criteria. Detected compounds are qualified J. Nondetected compounds are not qualified. Use professional judgement to qualify non-detected compounds.
	F2C66, F2C69, F2C72, F2C75, F2C78, F2C84, F2C87, SBLK43
	<b>Pentachlorophenol</b> SSTD001GG
	F2C66, F2C69, F2C72, F2C75, F2C78, F2C84, F2C87, SBLK43

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## Data Review Reports

TIC

TIC	BNA
BTIC1	A library search indicates a match at or above 85% for a TIC compound in the semivolatile sample Detected compounds are qualified NJ. Nondetected compounds are not qualified.
	F2C66, F2C69, F2C72, F2C75, F2C78, F2C84, F2C87, SBLK43
	5-Eicosene, (E)- F2C66
	2-Tetradecene, (E)- SBLK43
	8-Pentadecanone SBLK43
	3-Eicosene, (E)- SBLK43
	Hexylene glycol F2C66, F2C72
	Cetene F2C69, SBLK43
	9-Octadecenamide, (Z)- F2C66, F2C69, F2C72, F2C75, F2C78, F2C84, F2C87, SBLK43
	Hexadecanamide F2C75, SBLK43
	1-Tetradecene F2C72
	10-Nonadecanone SBLK43
	1-Octadecene F2C66, F2C69, F2C72, F2C75, SBLK43
	n-Tetracosanol-1 SBLK43
	5H-Pyrrolo[3,4-b]pyrazine-5,7(6H)-dione, 6-(phen F2C72
	Trifluoroacetic acid, pentadecyl ester F2C72
	3-Acetylphenanthrene SBLK43
	E-14-Hexadecenal F2C69
	1-Heneicosanol SBLK43
	Octatriacontyl pentafluoropropionate SBLK43
TIC	BNA
BTIC2	A library search indicates a match below 85% for a TIC compound in the semivolatile sample Detected compounds are qualified J. Nondetected compounds are not qualified.
	F2C66, F2C69, F2C72, F2C75, SBLK43
	Unknown 8-Octadecanone SBLK43
	Unknown 8-Pentadecanone F2C69
	Unknown Phthalic anhydride F2C72
	Unknown 9-Octadecenamide, (Z)- F2C75

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### Data Review Reports

TIC

TIC	BNA
	Unknown Octatriacontyl pentafluoropropionate SBLK43
	Unknown Dichloroacetic acid, heptadecyl ester F2C69
	Unknown Oxalic acid, allyl octadecyl ester SBLK43
	Unknown Hexylene glycol F2C75
	Unknown D-Homoestra-1,3,5(10),15-tetraen-17a-one, 3-meth F2C75
	Unknown Picolinyl 8-(5-hexyl-2-furyl)-octanoate F2C66, F2C75
	Unknown Cyclohexane-1,2,3-trione-1,3-dioxime SBLK43
	Unknown 3-Acetylphenanthrene F2C69
	Unknown 1-Naphthalenemethanamine, .alpha.-methyl-, (R)- SBLK43